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(54) PREPARATION OF FRP MOLDED ARTICLE WITH GEL COAT

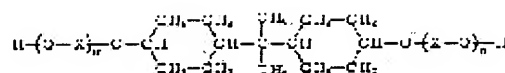
(57)Abstract:

PROBLEM TO BE SOLVED: To provide a process for preparing an FRP molded product with a gel coat which does not suffer from the lowering of rigidity, is excellent in lamination work efficiency and curability and can be employed in a wide range of fields.

SOLUTION: There is provided a process for preparing an FRP molded product with a gel coat comprising successively forming a gel coat layer, an interlayer on the surface thereof by curing an unsaturated polyester resin composition in the presence of a fiber reinforcing material and a reinforcing layer, wherein the unsaturated polyester resin composition to form a gel coat layer comprises an unsaturated polyester obtained by reacting an unsaturated dibasic acid or an anhydride thereof with a hydrogenated bisphenol A alkylene oxide derivative represented by the following formula (1):

$$\text{HO}-(\text{CH}_2)_m-\text{O}-(\text{CH}_2)_n-\text{O}-\text{H} \quad (1)$$

wherein m and n are each a positive number adding up to 2.2-4.4 (including 2.2 and 4.4, but excluding 4.6), and the unsaturated dibasic acid or anhydride thereof is an ethylene or 1,2-propylene group, a polymerizable unsaturated dibasic acid or anhydride thereof, or a mixture thereof, for intermediate temperature molding.



LEGAL STATUS

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